

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E11007

**Employer :** WA State Dept. of Labor & Industries

**Worksite :** Dept. of Labor & Industries

**Street :** 7273 Linderson Way Sw

**Jurisdiction :** City of Tumwater

**Survey Date :** 8/30/2013

**Survey Type :** Online

**Response Rate :** 61%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 72.2%

**Reported Total Employees at Worksite:** 1,700

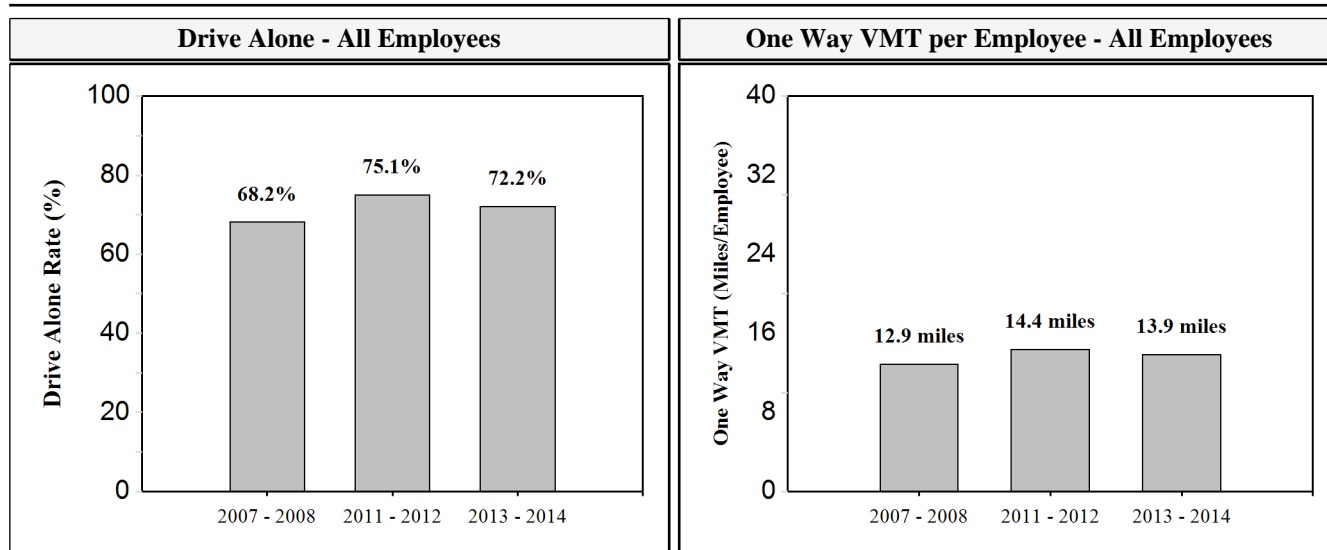
**Surveys Distributed :** 1,700

**One-Way VMT per employee :** 13.9

**Surveys Returned :** 1,044

**Surveys Returned by CTR Affected Employees :** 999

**Total Estimated CTR - Affected Employees at Worksite :** 1,627



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	68.2%	67.7%	12.9	12.9
2009 - 2010	80.5%	81.0%	14.4	14.5
2011 - 2012	75.1%	74.9%	14.4	14.5
2013 - 2014	72.2%	72.9%	13.9	14.1
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	5.9%	7.7%	7.8%	9.3%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2011 - 2012 Without Fill In	2013 - 2014	2013 - 2014 Without Fill In
Drive Alone - All Employees*	68.2%	75.1%	66.7%	72.2%	68.1%
Drive Alone - CTR Affected Employees*	67.7%	74.9%	66.0%	72.9%	68.8%
VMT/Employee - All Employees	12.9	14.4	13.4	13.9	13.4
VMT/Employees - CTR Affected Employees	12.9	14.5	13.4	14.1	13.6

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	3,108	2,035	2,955
Estimated Emissions for Total Employment	4,539	4,960	4,811

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	276,031	235,933	314,923
Bus Annual Passenger Miles - Surveyed Employees	189,000	96,800	193,400
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	45,567	10,724	48,851
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	31,200	4,400	30,000

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

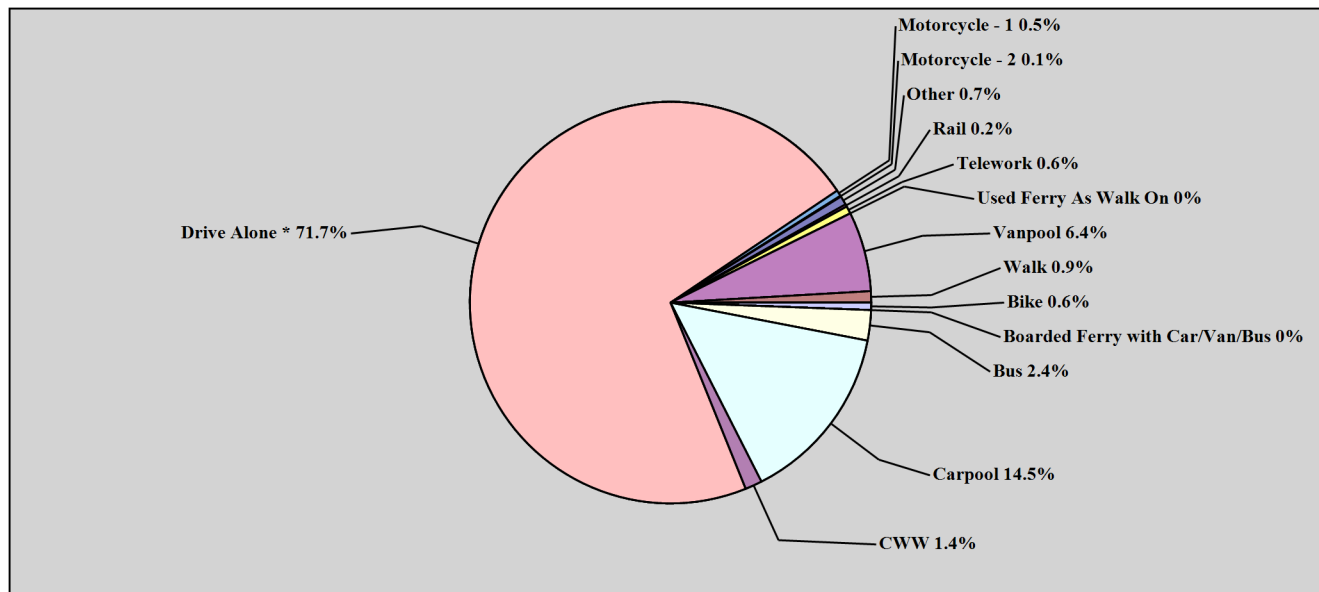
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 16.9 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



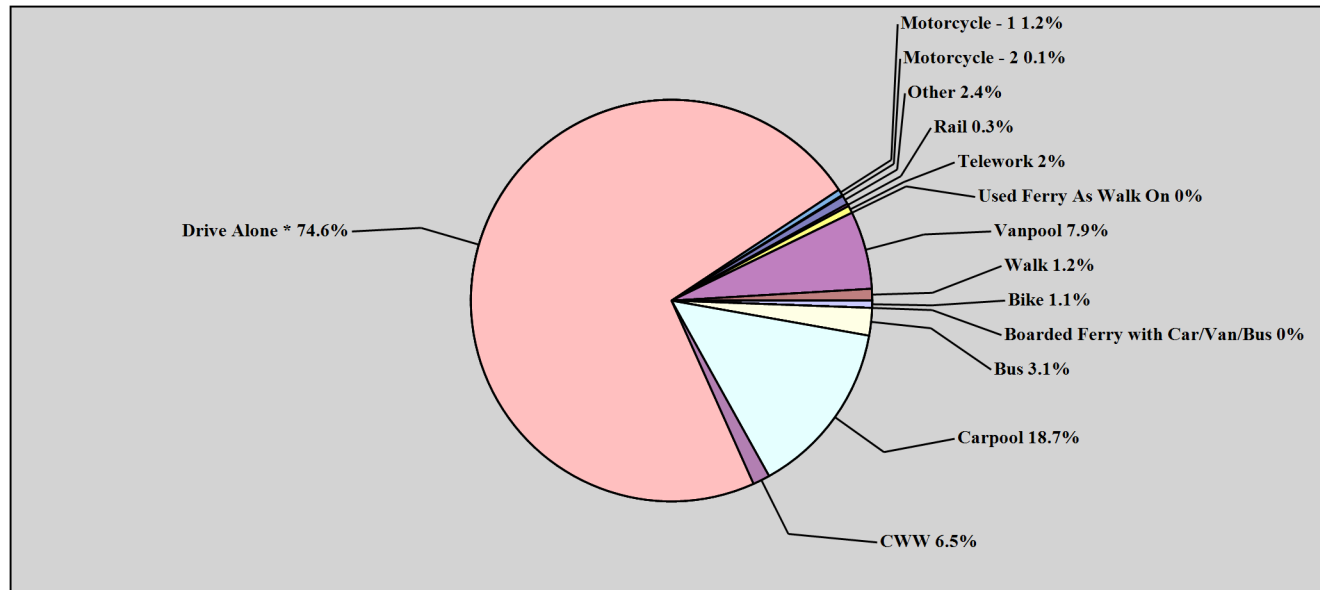
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	4,087	71.7%	74.4%	769	73.7%	73.5%
Carpool	826	14.5%	12.8%	199	19.1%	20.6%
Vanpool	366	6.4%	6.6%	83	8.0%	9.9%
Motorcycle - 1	28	0.5%	0.7%	12	1.1%	1.5%
Motorcycle - 2	4	0.1%	0.0%	1	0.1%	0.0%
Bus	139	2.4%	2.0%	35	3.4%	3.3%
Rail	11	0.2%	0.1%	3	0.3%	0.1%
Bike	34	0.6%	0.4%	12	1.1%	0.7%
Walk	52	0.9%	0.6%	12	1.1%	1.0%
Telework	35	0.6%	0.7%	22	2.1%	2.1%
CWW	78	1.4%	1.2%	67	6.4%	6.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	41	0.7%	0.6%	25	2.4%	2.1%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,987	72.4%	74.2%	745	74.6%	73.1%
Carpool	778	14.1%	13.1%	187	18.7%	21.2%
Vanpool	345	6.3%	6.6%	79	7.9%	10.1%
Motorcycle - 1	28	0.5%	0.7%	12	1.2%	1.6%
Motorcycle - 2	4	0.1%	0.0%	1	0.1%	0.0%
Bus	122	2.2%	2.0%	31	3.1%	3.4%
Rail	11	0.2%	0.1%	3	0.3%	0.1%
Bike	32	0.6%	0.4%	11	1.1%	0.6%
Walk	52	0.9%	0.6%	12	1.2%	1.0%
Telework	33	0.6%	0.7%	20	2.0%	2.2%
CWW	76	1.4%	1.2%	65	6.5%	7.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	40	0.7%	0.6%	24	2.4%	2.0%

\* Drive alone mode includes fill-in, where applicable.



**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	631	60%	1,044	100%
1 Days	67	6%	413	40%
2 Days	36	3%	346	33%
3 Days	36	3%	310	30%
4 Days	66	6%	274	26%
5 Days	185	18%	208	20%
6 or More Days	23	2%	23	2%

**Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)**

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non- Drive Alone At Least 3 Days / week	
5 days a week	453	58.3%	57	7.3%	22	2.8%	127	16.3%	2	0.3%	66	8.5%	12	1.5%	3	0.4%	237	30.5%
4 days a week (4/10s)	5	3.7%	93	68.9%	4	3%	13	9.6%	0	0%	4	3%	3	2.2%	0	0%	29	21.5%
3 days a week	0	0%	5	62.5%	0	0%	2	25%	0	0%	0	0%	0	0%	0	0%	2	25%
9 days in 2 weeks (9/80)	36	34.6%	28	26.9%	0	0%	27	26%	0	0%	7	6.7%	2	1.9%	0	0%	37	35.6%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	2	16.7%	8	66.7%	1	8.3%	1	8.3%	0	0%	0	0%	0	0%	0	0%	2	16.7%

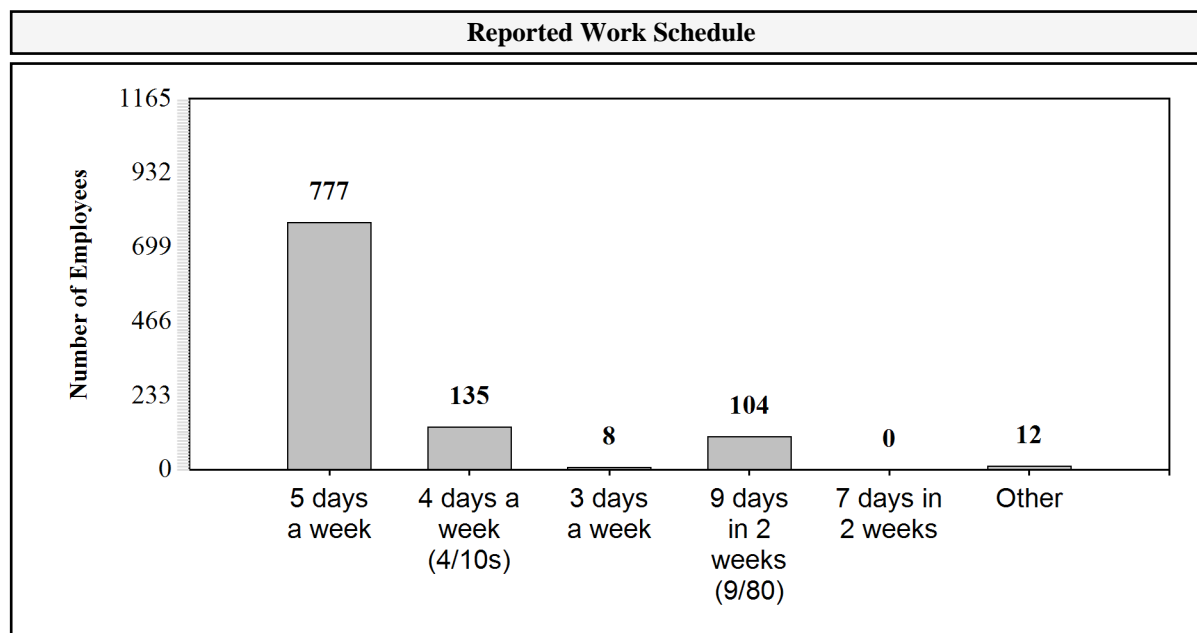
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	30
2	Motorcycle	4
2	Carpool	761
3	Carpool	50
4	Carpool	15
5	Carpool	0
>5	Carpool	0
<5	Vanpool	56
5	Vanpool	37
6	Vanpool	66
7	Vanpool	49
8	Vanpool	59
9	Vanpool	45
10	Vanpool	23
11	Vanpool	14
12	Vanpool	0
13	Vanpool	5
14	Vanpool	12
15	Vanpool	0

## Reported Work Schedule - All Employees

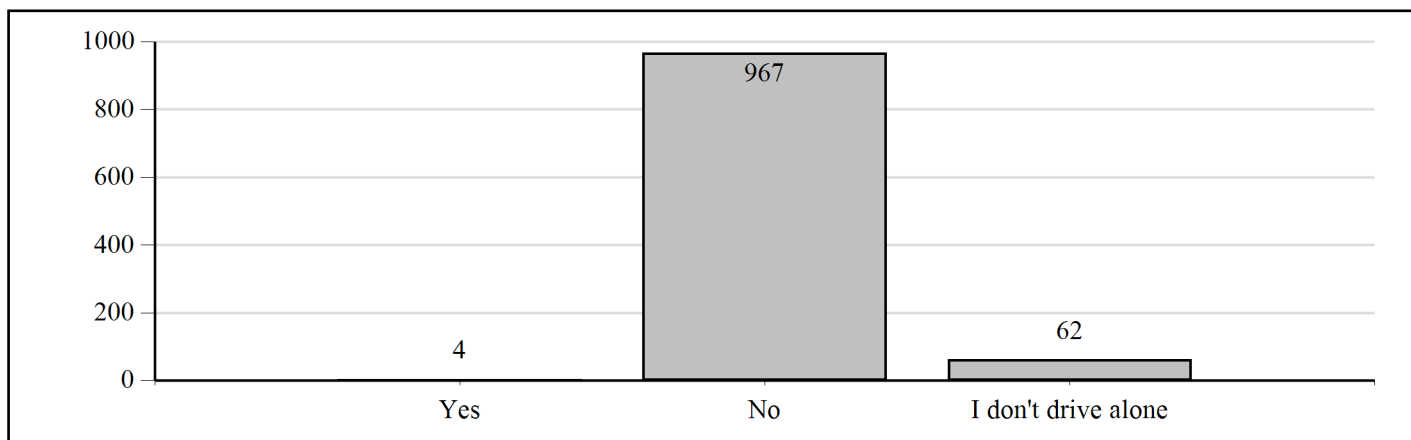
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	777	75%
4 days a week (4/10s)	135	13%
3 days a week	8	0.8%
9 days in 2 weeks (9/80)	104	10%
7 days in 2 weeks	0	0%
Other	12	1.2%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	12	1.1%
I don't telework	905	86.7%
Occasionally, on an as-needed basis	97	9.3%
1-2 days/month	5	0.5%
1 day/week	16	1.5%
2 days/week	5	0.5%
3 days/week	4	0.4%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	412	22.5%
Financial incentives for carpooling, bicycling or walking.	376	20.5%
Environmental and community benefits	201	11.0%
Free or subsidized bus, train, vanpool pass or fare benefit	183	10.0%
Other	170	9.3%
Personal health or well-being	151	8.2%
Preferred/reserved carpool/vanpool parking is provided	90	4.9%
Driving myself is not an option	70	3.8%
Emergency ride home is provided	67	3.7%
I have the option of teleworking	58	3.2%
Cost of parking or lack of parking	25	1.4%
To save time using the HOV lane	21	1.1%
I receive a financial incentive for giving up my parking space	7	0.4%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	601	25.3%
Riding the bus or train is inconvenient or takes too long	475	20.0%
Family care or similar obligations	459	19.3%
Other	342	14.4%
My commute distance is too short	204	8.6%
My job requires me to use my car for work	114	4.8%
Bicycling or walking isn't safe	110	4.6%
I need more information on alternative modes	56	2.4%
There isn't any secure or covered bicycle parking	13	0.5%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	0	12	1	0	1	1	0	0	3
2	3	0	12	2	1	2	4	0	1	1
3	0	1	2	1	0	0	0	0	1	1
4	1	0	4	0	0	0	0	0	0	3
5	0	0	10	0	0	0	2	0	0	1
6	0	0	6	0	0	0	0	0	1	0
7	0	0	1	0	0	0	0	0	0	0
8	0	0	9	1	0	0	0	0	0	0
9	0	0	1	0	0	0	0	0	0	0
10	0	0	24	0	0	1	0	0	0	2
11 or more	0	0	6	0	0	0	0	0	0	0
# Of Employees using Transit	7	1	87	5	1	4	7	0	3	11
Total One-Way Transit Trips Per Week	13	3	550	16	2	15	19	0	11	45

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	0	11	1	0	0	1	0	0	2
2	3	0	12	2	1	2	4	0	1	1
3	0	1	2	0	0	0	0	0	1	1
4	1	0	4	0	0	0	0	0	0	3
5	0	0	10	0	0	0	2	0	0	1
6	0	0	6	0	0	0	0	0	1	0
7	0	0	1	0	0	0	0	0	0	0
8	0	0	8	1	0	0	0	0	0	0
9	0	0	1	0	0	0	0	0	0	0
10	0	0	22	0	0	1	0	0	0	2
11 or more	0	0	6	0	0	0	0	0	0	0
# Of Employees using Transit	7	1	83	4	1	3	7	0	3	10
Total One-Way Transit Trips Per Week	13	3	521	13	2	14	19	0	11	44

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	10	0.96%	23	7	11	0	0	0	0	0	0	2	0	0	0
09512	1	0.10%	0	7	0	0	0	0	0	0	0	0	0	0	0
95859	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
97838	1	0.10%	0	1	0	4	0	0	0	0	0	0	0	0	0
98002	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98023	5	0.48%	9	0	14	0	0	0	0	0	0	0	0	0	1
98027	1	0.10%	0	0	0	0	4	0	0	0	0	1	0	0	0
98030	1	0.10%	4	0	0	0	0	0	0	0	1	0	0	0	0
98032	4	0.38%	6	3	5	0	0	5	0	0	0	0	0	0	2
98038	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98042	2	0.19%	4	4	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.10%	0	0	0	0	1	0	2	0	0	0	0	0	0
98109	1	0.10%	3	0	0	0	1	0	0	0	0	1	0	0	0
98118	1	0.10%	2	0	0	0	0	1	0	0	0	1	0	0	0
98121	1	0.10%	1	0	4	0	0	0	0	0	0	0	0	0	1
98198	1	0.10%	1	0	0	0	0	0	0	0	4	0	0	0	0
98233	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98236	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	3
98248	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	1
98270	1	0.10%	2	0	0	0	0	0	0	0	2	0	0	0	0
98303	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98312	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98323	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98327	3	0.29%	10	0	5	0	0	0	0	0	0	0	0	0	0



98328	2	0.19%	9	0	0	0	0	0	0	0	0	0	0	0	0
98335	1	0.10%	2	0	3	0	0	0	0	0	0	0	0	0	0
98338	4	0.38%	5	0	15	0	0	0	0	0	0	0	0	0	0
98365	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98366	1	0.10%	3	0	0	0	0	0	0	0	0	0	0	0	2
98367	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98371	3	0.29%	5	0	10	0	0	0	0	0	0	1	0	0	0
98372	1	0.10%	4	1	0	0	0	0	0	0	0	0	0	0	0
98373	3	0.29%	0	0	10	0	0	0	0	0	0	0	0	0	0
98374	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98375	3	0.29%	7	0	10	0	0	0	0	0	0	0	0	0	0
98387	8	0.77%	21	4	13	0	0	0	0	0	0	1	0	0	0
98388	2	0.19%	9	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98391	1	0.10%	0	0	3	0	0	0	0	0	0	0	0	0	0
98403	2	0.19%	4	0	5	0	0	0	0	0	1	0	0	0	0
98404	6	0.57%	10	0	15	0	0	5	0	0	0	0	0	0	0
98405	3	0.29%	10	0	5	0	0	0	0	0	0	0	0	0	0
98406	3	0.29%	2	0	10	0	0	0	0	0	0	1	0	0	0
98407	4	0.38%	15	5	0	0	0	0	0	0	0	0	0	0	0
98408	2	0.19%	5	0	1	0	0	0	0	0	0	0	0	0	0
98409	4	0.38%	9	0	9	0	0	0	0	0	0	0	0	0	0
98418	1	0.10%	1	0	4	0	0	0	0	0	0	0	0	0	0
98444	3	0.29%	0	0	10	0	5	0	0	0	0	0	0	0	0
98445	6	0.57%	17	1	9	2	0	0	0	0	0	0	0	0	0
98446	2	0.19%	4	0	0	0	0	0	0	0	0	1	0	0	0
98466	8	0.77%	28	5	5	0	0	0	0	0	0	2	0	0	0
98467	2	0.19%	9	0	0	0	0	0	0	0	0	0	0	0	0
98498	6	0.57%	15	0	8	0	0	0	0	0	0	0	0	0	0
98499	5	0.48%	10	0	9	0	0	0	5	0	1	0	0	0	0
98501	153	14.66%	588	48	1	2	24	0	13	42	1	14	0	0	2
98502	100	9.58%	357	84	0	1	18	0	1	5	2	4	0	0	3
98503	84	8.05%	284	77	0	2	22	0	4	0	1	7	0	0	7
98504	1	0.10%	1	4	0	0	0	0	0	0	0	0	0	0	0
98506	47	4.50%	167	24	0	6	17	0	6	0	2	2	0	0	2
98511	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98512	138	13.22%	456	139	0	10	31	0	3	5	2	11	0	0	5



98513	83	7.95%	267	95	0	2	1	0	0	0	2	8	0	0	6
98516	43	4.12%	150	56	0	0	5	0	0	0	0	2	0	0	0
98520	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98531	21	2.01%	54	19	24	1	0	0	0	0	1	0	0	0	0
98532	24	2.30%	57	29	26	4	0	0	0	0	1	1	0	0	0
98533	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98541	11	1.05%	29	10	12	0	0	0	0	0	0	0	0	0	0
98548	1	0.10%	1	0	2	0	0	0	0	0	0	0	0	0	0
98550	1	0.10%	0	0	4	0	0	0	0	0	0	0	0	0	0
98557	5	0.48%	10	9	5	0	0	0	0	0	0	1	0	0	0
98563	3	0.29%	7	2	4	0	0	0	0	0	0	1	0	0	0
98564	1	0.10%	0	0	3	0	0	0	0	0	0	0	0	0	2
98565	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98568	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98570	3	0.29%	4	5	3	0	0	0	0	0	0	1	0	0	0
98576	15	1.44%	50	6	15	0	0	0	0	0	1	1	0	0	0
98579	43	4.12%	131	58	9	0	0	0	0	0	2	5	0	0	0
98580	3	0.29%	9	0	0	0	5	0	0	0	0	0	0	0	0
98582	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98584	39	3.74%	115	31	35	0	0	0	0	0	5	0	0	0	3
98585	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98586	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
98589	25	2.39%	87	34	0	0	0	0	0	0	1	3	0	0	0
98591	3	0.29%	5	4	0	0	0	0	0	0	4	1	0	0	0
98593	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
98596	4	0.38%	14	6	0	0	0	0	0	0	0	0	0	0	0
98597	29	2.78%	90	28	15	0	5	0	0	0	1	2	0	0	0
98604	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98611	2	0.19%	2	8	0	0	0	0	0	0	0	0	0	0	1
98626	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98629	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98632	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98640	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98674	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98682	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98685	1	0.10%	0	2	0	0	0	0	0	0	0	0	0	0	0
98823	1	0.10%	1	0	0	0	0	0	0	0	0	0	0	0	0



98908	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99301	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	0
99337	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99338	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0